

REMARKS

Consideration of the comments which follow in response to the the Office Communication mailed February 12, 2007 and in further response to the Official Action mailed September 28, 2006 is respectfully requested by Applicants.

The Examiner considered Applicants' previous response filed October 18, 2006 to be non-responsive in that a "particularly defined core structure" was not designated for Subgroup A, and a specific fluorescent group was not specified for Subgroup B. The Examiner requests that the specific "building block" (i.e., core structure) be specified by specifying the different substituent groups with all atoms and bonds specified, i.e., specify each R, B, and L group as well as a specific number for n.

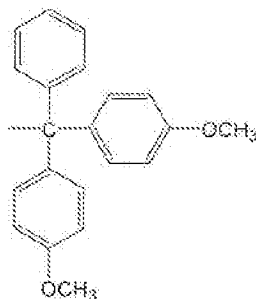
Election of Species and Restriction for Examination

Applicants elect, without traverse, the invention of Group I, claims 1-22.

Applicants further elect (for Subgroup B) stilbene.

Applicants further elect (for Subgroup A) compound (f) in Figure 5 where:

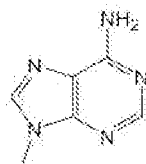
R1: DMTr, which is 4,4'-(dimethoxy)triphenylmethyl (p,p'-dimethoxytrityl)



R2: hydrogen (H)

R3: a 2-cyanoethylphosphoramidite group, i.e., a group $P(R_6)-NR_4R_5$ as defined in claim 18 wherein R_4 and R_5 are each isopropyl and R_6 is a 2-cyanoethyloxy group $(-OCH_2-CH_2-CN)$

B: adenine (cf. Figure 5)



L: a (4-styryl-phenoxy)-acetyl group, i.e., a stilbene acetyl group



n: 1

To expedite prosecution, the Examiner is invited to contact Applicants' representative at the telephone number below if there are any questions regarding the instant response.

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The examiner is hereby authorized to charge any fees associated with this amendment to Deposit Account No. 02-2958.


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